COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

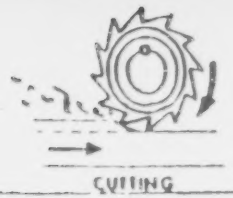
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
December 1985	110,700	7,100	117,800	53,750	5,500	59,250	164,450	12,600	177,050
November 1985	162,700	8,850	171,550	20,950	2,600	23,550	183,650	11,450	195,100
% Change									
Dec. 1985:Nov. 1985	-32.0	-19.8	-31.3	+156.6	+111.5	+151.6	-10.5	+10.0	-9.3
December 1984	142,150	16,950	159,100	93,000	3,050	96,050	235,150	20,000	255,150
% Change									
Dec. 1985:Dec. 1984	-22.1	-58.1	-26.0	-42.2	+80.3	-38.3	-30.1	-37.0	-30.6
Year To Date 1985	1,652,800	201,500	1,854,300	610,550	65,250	675,800	2,263,350	266,750	2,530,100
Year To Date 1984	1,699,550	216,250	1,915,800	931,500	68,500	1,000,000	2,631,050	284,750	2,915,800
% Change									
1985 : 1984	-2.8	-6.8	-3.2	-34.5	-4.7	-32.4	-14.0	-6.3	-13.2

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

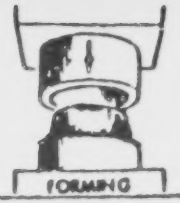
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
December 1985	212,650	64,900	277,550	83,250	4,200	87,450	295,900	69,100	365,000
November 1985	126,350	13,050	139,400	52,900	6,850	59,750	179,250	19,900	199,150
% Change									
Dec. 1985:Nov. 1985	+68.3	+397.3	+99.1	+57.4	-38.7	+46.4	+65.1	+247.2	+83.3
December 1984	183,450	17,400	200,850	69,100	5,750	74,850	252,550	23,150	275,700
% Change									
Dec. 1985:Dec. 1984	+15.9	+273.0	+38.2	+20.5	-27.0	+16.8	+17.2	+198.5	+32.4
Year To Date 1985	1,537,600	194,350	1,731,950	743,700	60,200	803,900	2,281,300	254,550	2,535,850
Year To Date 1984	1,483,850	122,650	1,606,500	608,750	70,600	679,350	2,092,600	193,250	2,285,850
% Change									
1985 : 1984	+3.6	+58.5	+7.8	+22.2	-14.7	+18.3	+9.0	+31.7	+10.9

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



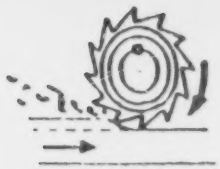
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,930.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug.	$ 162,600,000	$ 21,900,000	$ 184,500,000	1,900.20	$ 201,050,000	$ 14,850,000	$ 215,900,000
Sept.	$ 144,850,000	$ 29,250,000	$ 174,100,000	1,830.35	$ 220,800,000	$ 23,150,000	$ 243,950,000
Oct.	$ 204,200,000	$ 25,650,000	$ 229,850,000	1,860.90	$ 178,650,000	$ 20,650,000	$ 199,300,000
Nov.	$ 183,650,000	$ 11,450,000	$ 195,100,000	1,856.85	$ 179,250,000	$ 19,900,000	$ 199,150,000
Dec. (p)	$ 164,450,000	$ 12,600,000	$ 177,050,000	1,668.90	$ 295,900,000	$ 69,100,000	$ 365,000,000
12 Mos.	$2,263,350,000	$ 266,750,000	$2,530,100,000		$2,281,300,000	$ 254,550,000	$2,535,850,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug.	$ 167,000,000	$ 22,700,000	$ 189,700,000	$ 4,400,000	$ 800,000	$ 5,200,000
Sept.	$ 157,500,000	$ 29,800,000	$ 187,300,000	$ 12,650,000	$ 550,000	$ 13,200,000
Oct.	$ 215,700,000	$ 26,800,000	$ 242,500,000	$ 11,500,000	$ 1,150,000	$ 12,650,000
Nov.	$ 212,500,000	$ 14,750,000	$ 227,250,000	$ 28,850,000	$ 3,300,000	$ 32,150,000
Dec. (p)	$ 178,900,000	$ 13,650,000	$ 192,550,000	$ 14,450,000	$ 1,050,000	$ 15,500,000
12 Mos.	$2,434,600,000	$ 282,900,000	$2,717,500,000	$ 171,250,000	$ 16,150,000	$ 187,400,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July	$ 114,850,000	$ 35,000,000	$ 149,850,000	1,419.40	$ 111,300,000	$ 13,750,000	$ 125,050,000
Aug.	$ 115,700,000	$ 15,100,000	$ 130,800,000	1,407.15	$ 137,200,000	$ 5,850,000	$ 143,050,000
Sept.	$ 108,250,000	$ 15,850,000	$ 124,100,000	1,356.30	$ 158,600,000	$ 16,350,000	$ 174,950,000
Oct.	$ 134,950,000	$ 21,050,000	$ 156,000,000	1,382.40	$ 114,050,000	$ 15,850,000	$ 129,900,000
Nov.	$ 162,700,000	$ 8,850,000	$ 171,550,000	1,414.55	$ 126,350,000	$ 13,050,000	$ 139,400,000
Dec. (p)	$ 110,700,000	$ 7,100,000	$ 117,800,000	1,254.80	$ 212,650,000	$ 64,900,000	$ 277,550,000
12 Mos.	$1,652,800,000	$ 201,500,000	$1,854,300,000		$1,537,600,000	$194,350,000	$1,731,950,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July	$ 121,550,000	$ 35,250,000	$ 156,800,000	$ 6,700,000	$ 250,000	$ 6,950,000
Aug.	$ 119,900,000	$ 15,850,000	$ 135,750,000	$ 4,200,000	$ 750,000	$ 4,950,000
Sept.	$ 117,000,000	$ 16,300,000	$ 133,300,000	$ 8,750,000	$ 450,000	$ 9,200,000
Oct.	$ 143,650,000	$ 21,700,000	$ 165,350,000	$ 8,700,000	$ 650,000	$ 9,350,000
Nov.	$ 169,300,000	$ 10,800,000	$ 180,100,000	$ 6,600,000	$ 1,950,000	$ 8,550,000
Dec. (p)	$ 122,950,000	$ 8,150,000	$ 131,100,000	$ 12,250,000	$ 1,050,000	$ 13,300,000
12 Mos.	$1,769,950,000	$ 213,500,000	$1,983,450,000	$ 117,150,000	$ 12,000,000	$ 129,150,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July	$ 43,050,000	$ 6,950,000	$ 50,000,000	512.20	$ 63,250,000	$ 6,500,000	$ 69,750,000
Aug.	$ 46,900,000	$ 6,800,000	$ 53,700,000	493.05	$ 63,850,000	$ 9,000,000	$ 72,850,000
Sept.	$ 36,600,000	$ 13,400,000	$ 50,000,000	474.05	$ 62,200,000	$ 6,800,000	$ 69,000,000
Oct.	$ 69,250,000	$ 4,600,000	$ 73,850,000	478.50	$ 64,600,000	$ 4,800,000	$ 69,400,000
Nov.	$ 20,950,000	$ 2,600,000	$ 23,550,000	442.30	$ 52,900,000	$ 6,850,000	$ 59,750,000
Dec. (p)	$ 53,750,000	$ 5,500,000	$ 59,250,000	414.10	$ 83,250,000	$ 4,200,000	$ 87,450,000
12 Mos.	$ 610,550,000	$ 65,250,000	$ 675,800,000		$ 743,700,000	$ 60,200,000	$ 803,900,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
Aug.	$ 47,100,000	$ 6,850,000	$ 53,950,000	$ 200,000	$ 50,000	$ 250,000
Sept.	$ 40,500,000	$ 13,500,000	$ 54,000,000	$ 3,900,000	$ 100,000	$ 4,000,000
Oct.	$ 72,050,000	$ 5,100,000	$ 77,150,000	$ 2,800,000	$ 500,000	$ 3,300,000
Nov.	$ 43,200,000	$ 3,950,000	$ 47,150,000	$ 22,250,000	$ 1,350,000	$ 23,600,000
Dec. (p)	$ 55,950,000	$ 5,500,000	$ 61,450,000	$ 2,200,000	$ 0	$ 2,200,000
12 Mos.	$ 664,650,000	$ 69,400,000	$ 734,050,000	$ 54,100,000	$ 4,150,000	$ 58,250,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1980 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,850	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4P	763,450	109,650	602,000	546,850	93,800	445,350	216,600	15,850	156,650
Total	$2,535,850	$254,550	$2,530,100	$1,731,950	$194,350	$1,854,300	$ 803,900	$ 60,200	$ 675,800

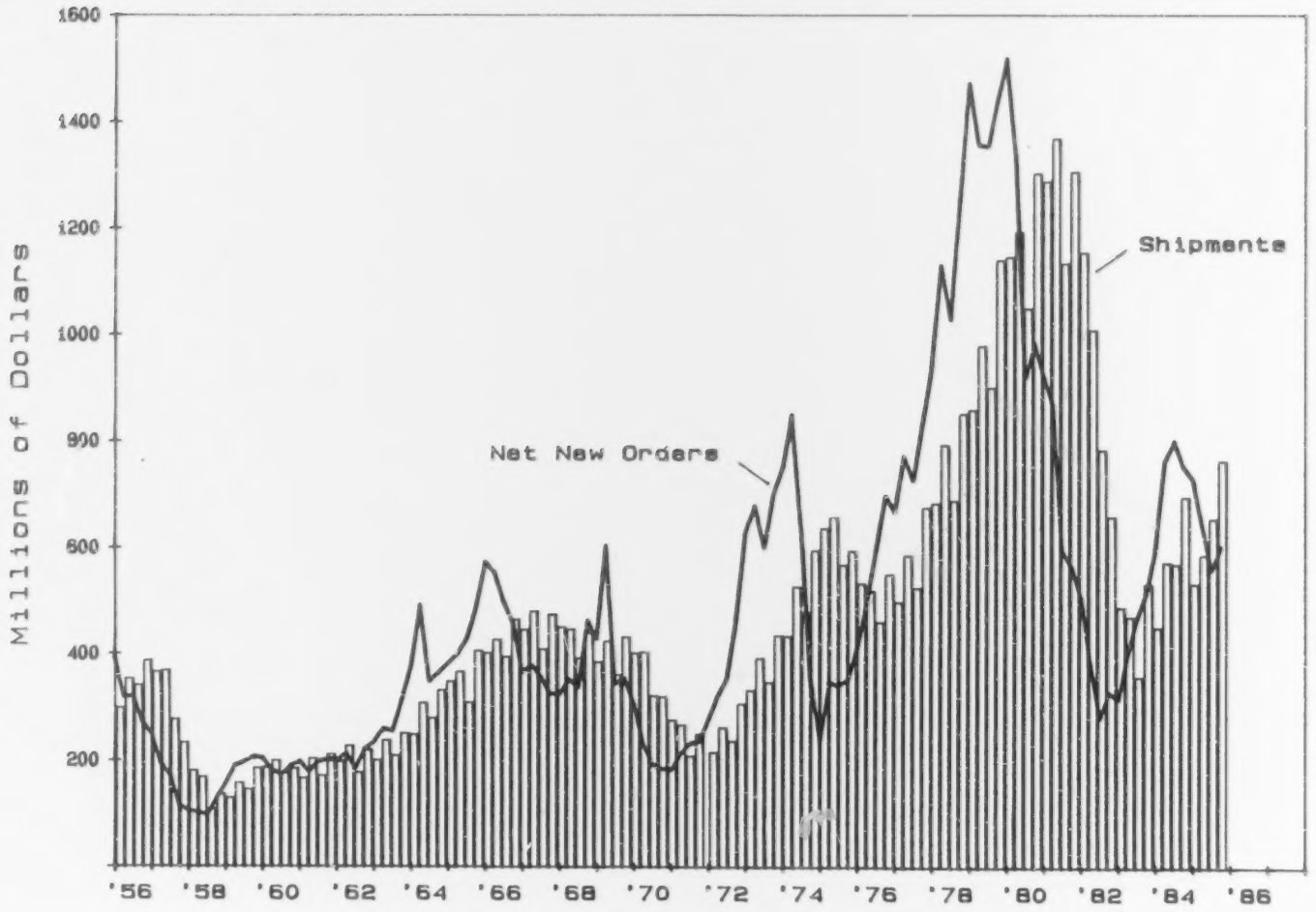
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1985, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102-4269. Phone: 703:893-2900

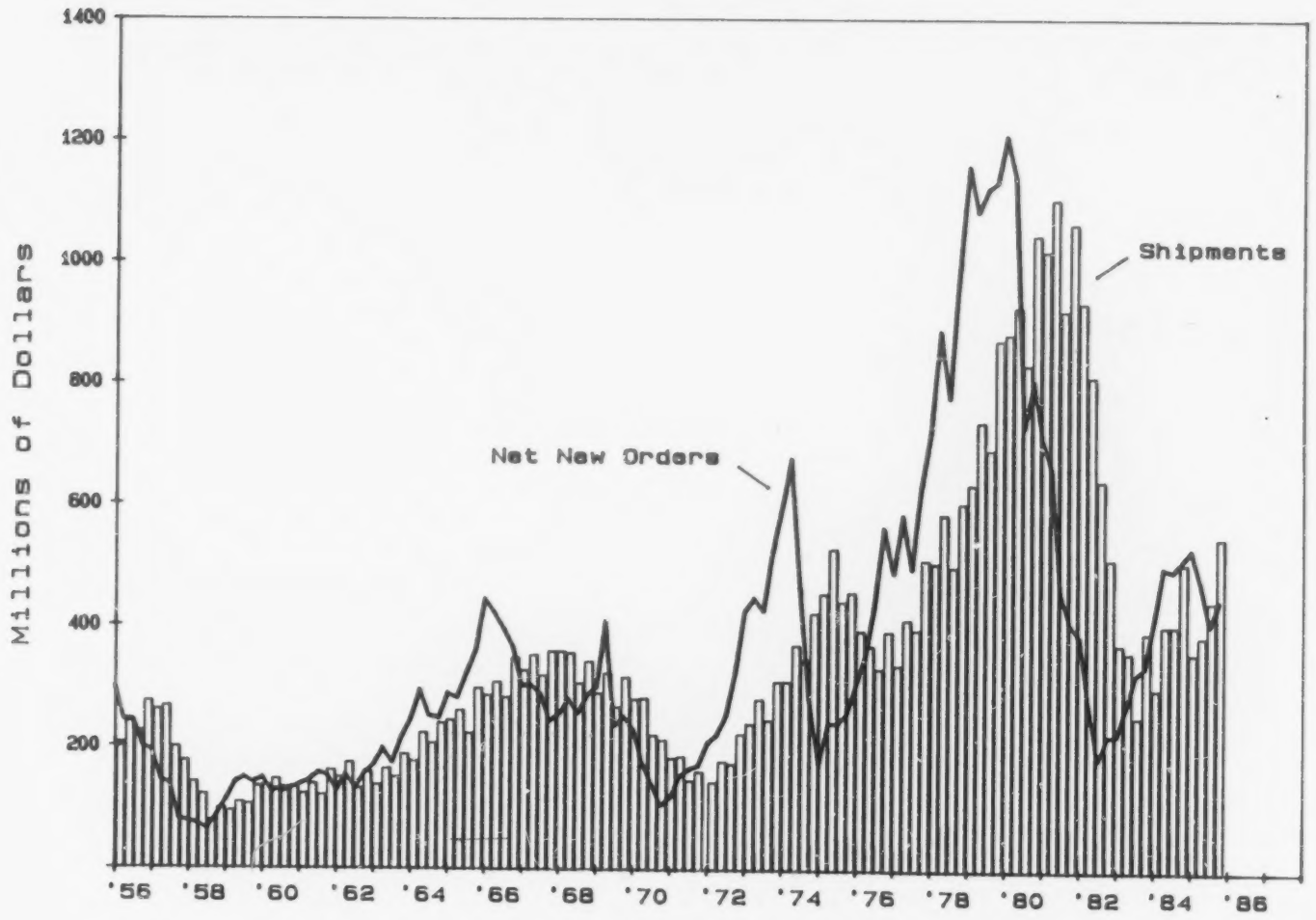
Source: National Machine Tool Builders' Association

January 27, 1986

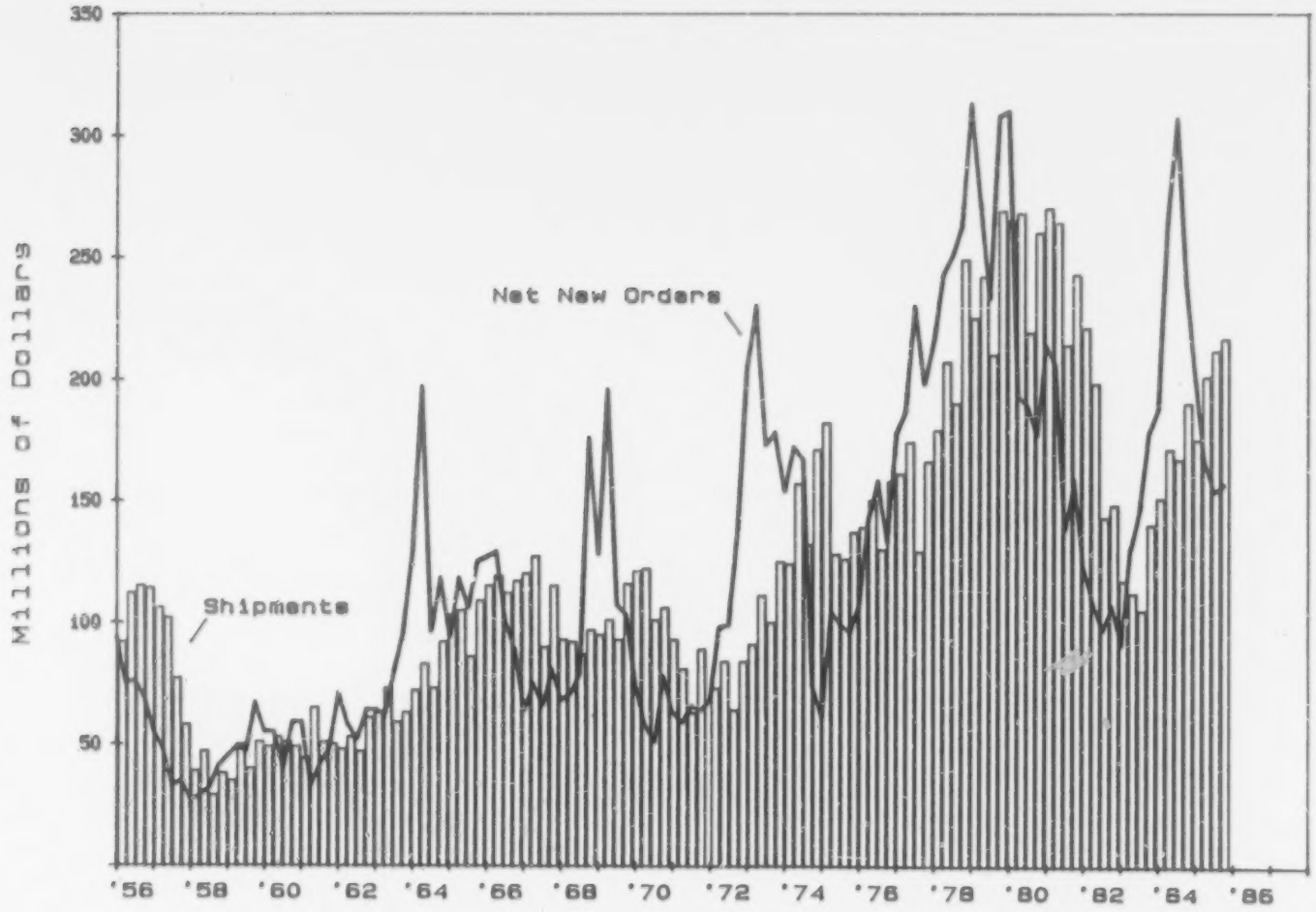
Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 4



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 4



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 4



2/21/86 A8050-1A

News Release

FOR RELEASE: February 24, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS UP 7.8% IN JANUARY

The National Machine Tool Builders' Association reported today that net January orders for new machine tools totalled $188.65 million, up 7.8% from December.

Total machine tool shipments stood at $145.70 million, down 61.1% from December, due to the year-end clearing of work in process by machine tool builders.

"We are pleased that the new year has started on a positive orders note," James A. Gray, president of NMTBA, said. "A decline in shipments from December is to be expected and presents no surprise. It is traditional for machine tool builders to make an extra effort to complete and ship the machines that are in the latter stages of assembly before year-end.

"January, 1986 orders were down 10.8% compared to January, 1985. This is the seventh consecutive month, since July, 1985, in which net new orders have declined relative to the same month the year before. This disturbing trend is sure to be accelerated if President Reagan's anti-business tax legislation is passed without the capital recovery provisions necessary to sustain America's defense-vital basic industries."

machine tool builders
IMTS
The world of manufacturing technology

Metal cutting machine tool orders, totalled $135.00 million for January, were 15.8% above their December level. Metal forming machine tool orders, however, came to $53.65 million, a decline of 8.2% from December.

Metal cutting machine tool shipments, at $91.30 million, were down 68.3% from their December total of $287.85 million. Metal forming machine tool shipments were $54.40 million, down 37.1% from the December figure of $86.50 million. The shipments total of $145.70 million was down from December's $374.35 million, accounting for the 61.1% decline. January's shipments resulted in a $1.701 billion order backlog at the end of January, up from $1.658 billion at the end of December.

# # #

COMPARISON CHART

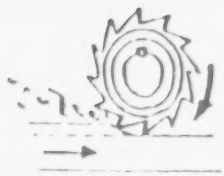
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JAN 1986	124.75	10.25	135.00	48.25	5.40	53.65	173.00	15.65	188.65
DEC 1985	110.05	6.55	116.60	53.20	5.25	58.45	163.25	11.80	175.05
% CHANGE JAN 1986:DEC 1985	+13.4	+56.5	+15.8	-9.3	+2.9	-8.2	+6.0	+32.6	+7.8
JAN 1985	124.75	13.00	137.75	71.15	2.55	73.70	195.90	15.55	211.45
% CHANGE JAN 1986:JAN 1985	+0.0	-21.2	-2.0	-32.2	+111.8	-27.2	-11.7	+0.6	-10.8
YEAR TO DATE 1986									
YEAR TO DATE 1985		N/A			N/A			N/A	
% CHANGE 1986 : 1985									

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JAN 1986	73.85	17.45	91.30	50.75	3.65	54.40	124.60	21.10	145.70
DEC 1985	223.55	64.30	287.85	82.50	4.00	86.50	306.05	68.30	374.35
% CHANGE JAN 1986:DEC 1985	-67.0	-72.9	-68.3	-38.5	-8.8	-37.1	-59.3	-69.1	-61.1
JAN 1985	80.60	9.15	89.75	45.95	2.10	48.05	126.55	11.25	137.80
% CHANGE JAN 1986:JAN 1985	-8.4	+90.7	+1.7	+10.4	+73.8	+13.2	-1.5	+87.6	+5.7
YEAR TO DATE 1986									
YEAR TO DATE 1985		N/A			N/A			N/A	
% CHANGE 1986 : 1985									

Source: National Machine Tool Builders' Association

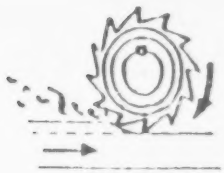


TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN (P)	$ 173.00	$ 15.65	$ 188.65	1,700.50	$ 124.60	$ 21.10	$ 145.70

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN (P)	$ 178.80	$ 17.05	$ 195.85	$ 5.80	$ 1.40	$ 7.20

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN (P)	$ 124.75	$ 10.25	$ 135.00	1,287.00	$ 73.85	$ 17.45	$ 91.30

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN (P)	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75

P - Preliminary

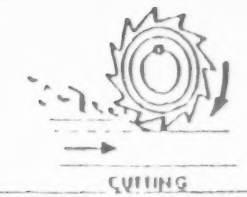
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

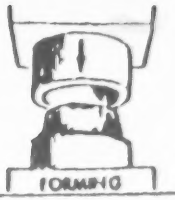
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN (P)	$ 48.25	$ 5.40	$ 53.65	413.50	$ 50.75	$ 3.65	$ 54.40

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN (P)	$ 49.50	$ 5.60	$ 55.10	$ 1.25	$ .20	$ 1.45

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,931.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug.	$ 162,600,000	$ 21,900,000	$ 184,500,000	1,900.20	$ 201,050,000	$ 14,850,000	$ 215,900,000
Sept.	$ 144,850,000	$ 29,250,000	$ 174,100,000	1,830.35	$ 220,800,000	$ 23,150,000	$ 243,950,000
Oct.	$ 204,200,000	$ 25,650,000	$ 229,850,000	1,860.90	$ 178,650,000	$ 20,650,000	$ 199,300,000
Nov.	$ 183,650,000	$ 11,450,000	$ 195,100,000	1,856.85	$ 179,250,000	$ 19,900,000	$ 199,150,000
Dec.	$ 163,250,000	$ 11,800,000	$ 175,050,000	1,657.55	$ 306,050,000	$ 68,300,000	$ 374,350,000
12 Mos.	$2,262,150,000	$ 265,950,000	$2,528,100,000		$2,291,450,000	$ 253,750,000	$2,545,200,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,650,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug.	$ 167,000,000	$ 22,700,000	$ 189,700,000	$ 4,400,000	$ 800,000	$ 5,200,000
Sept.	$ 157,500,000	$ 29,800,000	$ 187,300,000	$ 12,650,000	$ 550,000	$ 13,200,000
Oct.	$ 215,700,000	$ 26,800,000	$ 242,500,000	$ 11,500,000	$ 1,150,000	$ 12,650,000
Nov.	$ 212,500,000	$ 14,750,000	$ 227,250,000	$ 28,850,000	$ 3,300,000	$ 32,150,000
Dec.	$ 177,600,000	$ 13,400,000	$ 191,000,000	$ 14,350,000	$ 1,600,000	$ 15,950,000
12 Mos.	$2,433,300,000	$ 282,650,000	$2,715,950,000	$ 171,150,000	$ 16,700,000	$ 187,850,000

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.